

ABSTRACT OF THE DISCLOSURE

**[0035]** A system and method for determining the mobility of a node in a network, such as a wireless ad-hoc network that requires the node to share its information with other mobile and stationary nodes, such as fixed wireless routers and intelligent access points, so that the rate at which the node shares this information and receives location information, such as Geo-location updates, could be based on the rate of mobility of the node. The node includes a transceiver which is adapted to communicate or attempt to communicate with at least one of the stationary other nodes in the network, and a controller which is adapted to determine a mobility factor of the node based on the communication or attempted communication with the at least one stationary other node. The controller is further adapted to control a rate at which the transceiver sends information pertaining to the node to at least one of the other nodes in the network based on the mobility factor. The mobility factor represents a rate of mobility of the node, and the rate at which the controller controls the transceiver to send the information is proportional to the rate of mobility.

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